City of Wichita/Sedgwick County

Stormwater Manual Errata Sheet

Current Manual version is dated 03/16/2011

Volume	Section(s)	Erratum	Approval Date
1	3.5.1	Modified section is entitled *Downstream Stabilization Standard.* Text added to identify the policy of the City of Wichita to create and maintain a *Map of Downstream Protection Volume Watersheds and Channels*, to be provided in Volume 1, Appendix G.	02/06/13
1	Appendices	Added Appendix G entitled *Map of Downstream Protection Volume Watersheds and Streams*. Policies associated with the use of these maps are presented in Volume 1, Chapter 3, Section 3.5.1 and on the maps themselves.	02/06/13
2	3.2.2	Section 3.2.2 is entitled *Extended Dry Detention Pond*. The modified section is entitled *Inlet and Outlet Structures.* 2nd bullet - Text added to clarify the design criteria for the extended detention of the WQ_v. Specifically, 90% of the WQ_v must be detained for not less than 24 hours, and then must be released over the reasonable time period (e.g., 2 to 4 days). 3rd bullet - Text added to clarify the design criteria for the extended detention of the CP_v. Specifically, the outlet structure must have an orifice capable of detaining the CP_v for a minimum of 24 hours, and then discharging the CP_v within a reasonable timeframe (e.g., 2 to 4 days).	02/06/13
2	4.13.1	Example Problem 2 added on page 4-43, entitled *Calculating the WQv for a Redevelopment*.	02/06/13
2	4.13.3	Modified section is entitled *Water Quality Volume Extended Detention*. 1st paragraph and Step 4 - Text modified and added to clarify the requirement for the extended detention time for the WQ_v to be detained for not less than 24 hours, and then must be released over the reasonable time period (e.g., 2 to 4 days).	02/06/13
2	4.15.1	Modified section is entitled *Channel Protection Volume*. 2nd paragraph - Text modified and added to clarify the requirement for the extended detention time for the CP_v to be detained for not less than 24 hours, and then drained over the reasonable time period (e.g., 2 to 4 days).	02/06/13
2	4.15.2	Modified section is entitled *Channel Protection Volume Extended Detention – Centroid Method*. Step 5 - Text modified and added to clarify the requirement for the extended detention time for the CP_v to be detained for not less than 24 hours, and then drained over the reasonable time period (e.g., 2 to 4 days).	02/06/13
2	4.15.2	Example Problem added on page 4-53, entitled *CPv Outlet Sizing Using the Centroid Method*.	02/06/13

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2	4.2 4.4 4.6.4 4.15.3	Section 4.2 - The narrative and Table 4-1 were revised to provide point rainfall depths determined from data provided by the Oceanic and Atmospheric Administration (NOAA) Atlas 14, Volume 8, Version 2.0 and the Precipitation Frequency Data Server (PFDS) from the Hydrometeorological Design Studies Center. Section 4.4 – Data for P_2 in Equation 4-5 was changed based on the updated precipitation data provided in Table 4-1 (described above). Sections 4.6.4 and 4.15.3 – The example problem in each section was revised based on updated precipitation data provided in Table 4-1 (described above).	11/06/13
2	Appendix B	Revised the Rainfall Intensity table (Table 1) and the associated Figure entitled *Sedgwick County IDF Curves* were modified to reflect updated data based on rainfall data provided by the Oceanic and Atmospheric Administration (NOAA) Atlas 14, Volume 8, Version 2.0 and the Precipitation Frequency Data Server (PFDS) from the Hydrometeorological Design Studies Center.	11/06/13
2	Appendix B	Added General Rainfall Equation Constants table (Table 2). Constants were developed by a regression analysis of the rainfall data provided by the Oceanic and Atmospheric Administration (NOAA) Atlas 14, Volume 8, Version 2.0 and the Precipitation Frequency Data Server (PFDS) from the Hydrometeorological Design Studies Center.	11/14/13